

On page 163, please replace the bottom of Table 20F with the following:

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NOV20: 251 CCRYPLTVDFEAFGWD-WIIAPKRYKANYCSGQCEYMFQMYPHTH-----LVQQANPR 303
          | + | |||+ ||| ||||| | | ||| + + + | + | | + |
Sbjct: 1 CRRHDLVDFKDLGWDDWIIAPKGYNAYCEGECFFPLSERLNATNHAIVQSLVHALDPG 60

NOV20: 304 GSAGPCCTPTKMSPINMLYFNDKQQIIYGKIPGMVVDRCGCS 345 (SEQ ID NO:299X)
          ||| |||+||++||++| ++ | |||+ |||
Sbjct: 61 AVPKPCCVPTKLSPLSMLYYDDGNNVLRNYPNMVVEECGCR 102 (SEQ ID NO:300)

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gnl|Pfam|pfam00019, TGF-beta, Transforming growth factor beta like domain.

CD-Length = 105 residues, 97.1% aligned

Score = 103 bits (256), Expect = 2e-23

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NOV20: 251 CCRYPLTVDFEAFGW-DWIIAPKRYKANYCSGQCEYMFQMYPHTH-----LVQQANPR 303
          | | | | | | | | | | + | | | | | | + + + | + | | |
Sbjct: 4 CRLRSLYVDFRDLGWGDWIIAPEGYIANYCSGSCFFPLRDDLNLSNHAILQTLVRLRNPR 63

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NOV20: 304 GSAGPCCTPTKMSPINMLYFNDKQQIIYGKIPGMVVDRCGCS 345 (SEQ ID NO:299)
          ||| |||+||++||| +| ++ | | | | | |
Sbjct: 64 AVPQPCCVPTKLSPLSMLYLDNNSNVVLRLYPNMSVKECGCR 105 (SEQ ID NO:301)

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gnl|Pfam|pfam00688, TGFb\_propeptide, TGF-beta propeptide. This propeptide is known as latency associated peptide (LAP) in TGF-beta. LAP is a homodimer which is disulfide linked to TGF-beta binding protein.

CD-Length = 227 residues, 46.3% aligned

Score = 48.1 bits (113), Expect = 8e-07

(SEQ ID NO:302)

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NOV20: 62 CPVCVWRQHSRELRLSIIKSQILSKRLKEAPNISREVVKQLLPKAPPLQQILDLDHDFQG 121
          | + + + |||+|+ ||||| | + | | + | + + |||++
Sbjct: 1 CRPLDLRRSQKQDRLEAIEGQILSKLGLRRRPRPSKE-----PMVVPEYMLDLYNALS 53

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NOV20: 122 DALQ--PEDFLEEDEYHATTETVISMAQ-----ETDPAVQTDGSPLCCHPHF 166
          + + | + | + + | + | ++ | |
Sbjct: 54 ELEEGKVGVRVPEISDYDGREAGRANTIRSFHLESDDFEESTPESHKRFRF 105

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(SEQ ID NO:303)

On page 169, please replace lines 4-11 with the following paragraph:

A disclosed NOV21c polypeptide (SEQ ID NO:68) is 320 amino acid residues in length and is presented using the one-letter amino acid code in Table 21G. The SignalP, Psort and/or Hydropathy results predict that NOV21c has a signal peptide and is likely to be localized to the plasma membrane with a certainty of 0.6000. In alternative embodiments, a NOV21c polypeptide is located to the Golgi body with a certainty of 0.4000, the endoplasmic reticulum (membrane) with a certainty of 0.3000, or the mitochondrial inner membrane with a certainty of